

09/824,035
DOCKET NO. WN-2316

2

AMENDMENTS TO THE CLAIMS:

Claim 1. (Currently amended) A digital content reproducing system comprising:

a movie company terminal ~~a content server~~ which stores and manages a digital content of movies;

a content delivery terminal in communication with the movie company terminal via a network; and

a projecting system which is connected to the content delivery terminal server via the a network, receives the digital content from the content delivery terminal server via the network, and reproduces the digital content to show a movie, wherein the projecting system comprises:

a reproducing device; and

a backup reproducing device that decodes signals while the reproducing device periodically sends a first predetermined signal to the backup reproducing device.

Claim 2. (Previously presented) The digital content reproducing system of claim 1, wherein the projecting system further comprises:

a mass memory unit which stores the digital content supplied via the network; and

an AV input switching device which receives output signals from the reproducing device and the backup reproducing device and selects output signals from an active one of the reproducing device and the backup reproducing device to produce the selected output signals.

Claim 3. (Original) The digital content reproducing system of claim 2, wherein the output signals supplied from the reproducing device and the backup reproducing device are

09/824,035
DOCKET NO. WN-2316

3

each separated into video signals and audio signals, and wherein the projecting system further comprises:

a projecting device which receives the video signals from the AV switching device and projects them on a screen; and

an audio processor which receives the audio signals from the AV switching device and outputs them to a loudspeaker.

Claim 4. (Original) The digital content reproducing system of claim 3, wherein the reproducing device and the backup reproducing device comprise the same elements and each of the devices comprises:

an encrypting module which is connected to the mass memory unit and encrypts the digital content received from the mass memory unit;

an AV separating module which receives the digital content from the encrypting module and separates them into the video signals and the audio signals;

a video decoder which receives the video signals from the AV separating module and decodes them;

a video signal output device which receives the decoded video signals from the video decoder and outputs them to the AV input switching device;

an audio decoder which receives the audio signals from the AV separating module and decodes them; and

an audio signal output device which receives the decoded audio signals from the audio decoder and outputs them to the AV input switching device.

09/824,035

4

DOCKET NO. WN-2316

Claim 5. (Previously presented) The digital content reproducing system of claim 4, wherein the backup reproducing device decodes the signals at the video decoder and the audio decoder while the reproducing device periodically sends a first predetermined signal to the backup reproducing device, and wherein the backup reproducing device starts a sending process of the decoded signals to the AV input switching device in addition to the decoding process when the reproducing device stops sending the first predetermined signal.

Claim 6. (Previously presented) The digital content reproducing system of claim 5, wherein the backup reproducing device sends a second predetermined signal, to instruct the reproducing device to stop, after the backup reproducing device starts the sending process.

Claim 7. (Previously presented) The digital content reproducing system of claim 3, wherein the digital content is individually supplied in the form of video data and audio data, and wherein the reproducing device and the backup reproducing device comprise the same elements and each of the devices comprises a video data processing section and an audio processing section,

the video data processing section comprising:

a first decrypting module which is connected to the mass memory unit and decrypts the video data received from the mass memory unit;

a video decoder which receives the video signals from the first decrypting module and decodes them; and

a video signal output device which receives the decoded video signals from the video decoder and outputs them to the AV input switching device,

09/824,035
DOCKET NO. WN-2316

5

the audio data processing section comprising:

a second decrypting module which is connected to the mass memory unit and decrypts the audio data received from the mass memory unit;

an audio decoder which receives the audio signals from the second decrypting module and decodes them; and

an audio signal output device which receives the decoded audio signals from the audio decoder and outputs them to the AV input switching device.

Claim 8. (Previously presented) The digital content reproducing system of claim 7, wherein the video signal output device supplies the decoded video signals to the projecting device other than through the AV input switching device and/or the audio signal output device supplies the decoded audio signals to the audio processor other than through the AV input switching device.

Claim 9. (Previously presented) The digital content reproducing system of claim 7, wherein the backup reproducing device decodes the signals at the video decoder and the audio decoder while the reproducing device periodically sends said first predetermined signal to the backup reproducing device, and wherein the backup reproducing device starts a sending process of the decoded signals to the AV input switching device in addition to the decoding process when the reproducing device stops sending the first predetermined signal.

Claim 10. (Previously presented) The digital content reproducing system of claim 9, wherein the backup reproducing device sends a second predetermined signal, to instruct the

09/824,035
DOCKET NO. WN-2316

6

reproducing device to stop, after the backup reproducing device starts the sending process.

Claim 11. (Canceled).

Claim 12. (Currently amended) A digital content reproducing system comprising:

a movie company terminal ~~a content server~~ which stores and manages a digital content of movies;

a content delivery terminal in communication with the movie company terminal via a network; and

a projecting system which is connected to the content delivery terminal server via a network, wherein the projecting system receives the digital content from the content delivery terminal server via the network and reproduces the digital content to show a movie, the projecting system comprises:

a reproducing device which supplies signals to reproduce the digital content;

and

a backup reproducing device which supplies signals to reproduce the digital content when the reproducing device can not serve to reproduce the digital content, wherein the backup reproducing device performs a decoding process of the digital content while the reproducing device periodically sends a first predetermined signal to the backup reproducing device, and the backup reproducing device starts processing the decoded digital content and supplying the signals to reproduce the movie in addition to the decoding process when the reproducing device stops sending the first predetermined signal.

09/824,035
DOCKET NO. WN-2316

7

Claim 13. (Canceled).

Claim 14. (Currently amended) A method of reproducing a digital content at a movie theater terminal received from a movie company terminal via a content delivery company terminal at either one of a reproducing device and a backup reproducing device, comprising:

at the movie company terminal:

requesting registration of a digital content of a movie with the content delivery company terminal; and

sending the digital content of the movie in response to a request to register from the content delivery company terminal;

at the content delivery company terminal:

sending a request to register the digital content of the movie to the movie company terminal in response to a request to register from the movie company terminal;

receiving the digital content of the movie from the movie company terminal;

and

sending the digital content of the movie to a movie theater terminal that includes the reproducing device and the backup reproducing device;

at the reproducing device:

receiving a digital content of a movie;

decoding the digital content;

processing the decoded digital content;

supplying signals to reproduce the movie; and

09/824,035
DOCKET NO. WN-2316

8

periodically sending, in normal operation, a predetermined signal to a backup reproducing device;
at the backup reproducing device:
receiving a digital content of a movie;
decoding the digital content while receiving the predetermined signal from the reproducing device;
receiving the predetermined signal from the reproducing device;
processing the decoded digital content; and
supplying signals to reproduce the movie, when the predetermined signal is not sent from the reproducing device.

Claim 15. (Currently amended) A recording medium readable by a computer, tangibly embodying a program of instructions executable by the computer to perform a method of reproducing a digital content comprising:

at a movie company terminal:

requesting registration of a digital content of a movie with a content delivery company terminal; and

sending the digital content of the movie in response to a request to register from the content delivery company terminal;

at a content delivery company terminal:

sending a request to register the digital content of the movie to the movie company terminal in response to a request to register from the movie company terminal;

09/824,035
DOCKET NO. WN-2316

9

receiving the digital content of the movie from the movie company terminal;

and

sending the digital content of the movie to a movie theater terminal that

includes a reproducing device and a backup reproducing device;

at the a reproducing device:

receiving the a digital content of the a movie;

decoding the digital content;

processing the decoded digital content;

supplying signals to reproduce the movie; and

periodically sending, in normal operation, a predetermined signal to the a

backup reproducing device;

at the backup reproducing device:

receiving the a digital content of the a movie;

decoding the digital content while receiving the predetermined signal from the
reproducing device;

receiving the predetermined signal from the reproducing device;

processing the decoded digital content; and

supplying signals to reproduce the movie, when the predetermined signal is
not sent from the reproducing device.

Claim 16. (Currently amended) A computer data signal embodied in a carrier wave and
representing a sequence of instructions which, when executed by a processor, cause the
processor to perform a method of reproducing a digital content comprising:

09/824,035
DOCKET NO. WN-2316

10

at a movie company terminal:

requesting registration of a digital content of a movie with a content delivery
company terminal; and

sending the digital content of the movie in response to a request to register
from the content delivery company terminal;

at a content delivery company terminal:

sending a request to register the digital content of the movie to the movie
company terminal in response to a request to register from the movie company
terminal;

receiving the digital content of the movie from the movie company terminal;
and

sending the digital content of the movie to a movie theater terminal that
includes a reproducing device and a backup reproducing device;

at the ~~a~~ reproducing device:

receiving the ~~a~~ digital content of the ~~a~~ movie;

decoding the digital content;

processing the decoded digital content;

supplying signals to reproduce the movie; and

periodically sending, in normal operation, a predetermined signal to the ~~a~~
backup reproducing device;

at the backup reproducing device:

receiving the ~~a~~ digital content of the ~~a~~ movie;

decoding the digital content while receiving the predetermined signal from the

09/824,035
DOCKET NO. WN-2316

11

reproducing device;

receiving the predetermined signal from the reproducing device;

processing the decoded digital content; and

supplying signals to reproduce the movie, when the predetermined signal is not sent from the reproducing device.

Claim 17. (Currently amended) A program product comprising, computer readable instructions and a recording medium bearing the computer readable instructions, the instructions being adaptable to enable computers to perform a method of reproducing a digital content comprising:

at a movie company terminal:

requesting registration of a digital content of a movie with a content delivery company terminal; and

sending the digital content of the movie in response to a request to register from the content delivery company terminal;

at a content delivery company terminal:

sending a request to register the digital content of the movie to the movie company terminal in response to a request to register from the movie company terminal;

receiving the digital content of the movie from the movie company terminal;

and

sending the digital content of the movie to a movie theater terminal that includes a reproducing device and a backup reproducing device;

09/824,035
DOCKET NO. WN-2316

12

at the a reproducing device:

receiving the a digital content of the a movie;

decoding the digital content;

processing the decoded digital content;

supplying signals to reproduce the movie; and

periodically sending, in normal operation, a predetermined signal to the a
backup reproducing device;

at the backup reproducing device:

receiving the a digital content of the a movie;

decoding the digital content while receiving the predetermined signal from the
reproducing device;

receiving the predetermined signal from the reproducing device;

processing the decoded digital content; and

supplying signals to reproduce the movie, when the predetermined signal is
not sent from the reproducing device.

Claim 18. (Previously presented) The system of claim 1, wherein the backup reproducing device sends the decoded signals to the projecting system if the reproducing device stops sending the first predetermined signal.

Claim 19. (Previously presented) The system of claim 18, wherein the backup reproducing device sends a second predetermined signal to the reproducing device in response to the reproducing device stopping the sending of the first predetermined signal.

09/824,035
DOCKET NO. WN-2316

13

Claim 20. (Previously presented) The system of claim 19, wherein the reproducing device stops sending decoded signals in response to receiving the second predetermined signal.

Claim 21. (Previously presented) The system of claim 1, wherein the backup reproducing device decrypts signals while the reproducing device periodically sends a first predetermined signal to the backup reproducing device.

Claim 22. (Currently amended) A digital content projecting system comprising:
a movie company terminal which stores and manages a digital content of movies;
a content delivery terminal in communication with the movie company terminal via a network; and
a movie theater terminal in communication with the content delivery terminal
comprising a reproducing device and a backup reproducing device, wherein the a reproducing
device reproduces reproducing a digital content of movies, said digital content received from
the movie company terminal via the content delivery terminal, a content server storing said
digital content; and wherein the a backup reproducing device that decodes said digital content
while the reproducing device periodically sends a first predetermined signal to the backup
reproducing device.

Claim 23. (Previously presented) The digital content projecting system of claim 22, wherein said backup reproducing device starts outputting said digital content in response to a stop of said first predetermined signal.

09/824,035
DOCKET NO. WN-2316

14

Claims 24-25. (Canceled).